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Macintosh: External Floppy Drive Connector Pinouts (5/96)

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TOPIC -----

What are the pinouts for the External Disk Drive Connector?

DISCUSSION -----

The external floppy disk drive connector is featured on the Macintosh 128K, 512K, 512K enhanced, Plus, SE, SE/30, Classic, Classic II, IICx, IICi, IIsi, Portable, and Performa 200.

A Macintosh 400K External Drive can be connected to the Macintosh 128K, 512K, 512K enhanced, Plus, SE, and Portable.

A Macintosh 800K External Drive or an Apple 3.5 Drive can be connected to the Macintosh 512K enhanced, Plus, SE, SE/30, Classic, Classic II, IICx, IICi, IIsi, and Performa 200.

An Apple SuperDrive can be connected to the Macintosh SE (with SuperDrive upgrade), SE/30, Classic, Classic II, IICx, IICi, IIsi, and Performa 200

An Apple Hard Disk 20 can be connected to a Macintosh 512K, 512K enhanced, Plus, and SE.

Begin_Table

Connector type: DB-19.

. Pin	Name	Description/Notes
. 1	CGND	Chassis ground
. 2	CGND	Chassis ground
. 3	CGND	Chassis ground
. 4	CGND	Chassis ground
. 5	-12V	
. 6	+5V	
. 7	+12V	
. 8	+12V	
. 9	N/C	Not connected
. 10	PWM	Regulates speed of the drive

.	11	PH0	Control line to send commands to drive
.	12	PH1	Control line to send commands to drive
.	13	PH2	Control line to send commands to drive
.	14	PH3	Control line to send commands to drive
.	15	WrReq-	Turns on the ability to write data to the drive
.	16	HdSel	Control line to send commands to the drive
.	17	Enbl2-	Enables the Rd line (else Rd is tristated)
.	18	Rd	Data actually read from the drive
.	19	Wr	Data actually written to the drive

End_Table

Article Change History:

15 May 1996 - Corrected list of relevant CPUs

19 Sep 1995 - Revised to show discontinued upgrade.

05 May 1995 - Corrected minor error; reformatted for readability.

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